

Course Title: RHIC Facility Specific Information for Cryogenic/Vacuum Systems
Maintenance (Process/Operation)
Course Number RC-Env-FS6

Because this work activity has been identified as having significant potential to impact the environment, this material has been compiled to provide you with the job-specific information that you must know to protect the environment.

Please read the following carefully. If you have any questions concerning the material, contact your supervisor or ES&H Coordinator.

Environmental Process Evaluation Title: Cryogenic/Vacuum Systems Maintenance
530 and 531

Environmental Aspect Regulated Industrial Waste

Contacts for the Information Environmental Compliance Rep, Waste Management,
Environmental Services Division – Subject Matter
Expert, Facility Support Rep, ES&H Coordinator

Job Training Assessment Links RC-21, RC-23

1) What potential impacts to the environment are associated with your activities (i.e. types of contamination that could impact air or water, generation of excess waste)?

- Negative impact to soil from improper offsite disposal or spill of oil.

2) What consequences may result if your operations were to impact the environment (i.e. disciplinary action, loss of permits, shutdown of facility)?

- Regulatory noncompliance, fines, violations.

3) What benefits or positive effects would you notice with improved environmental performance (i.e., reduced disposal costs, improved relationships with regulators and public)?

- Satisfy compliance regulations and avoid NYS or EPA violations/fines.

4) What role and responsibility do you have for these potential impacts and environmental performance?

- Properly dispose of waste oil.
- Follow applicable requirements in the following SBMS Environmental Compliance Subject Area (<http://sbms.bnl.gov/>)
 - Hazardous Waste Management (Section 1)
 - Spill Response (Section 1)

5) What controls or procedures are implemented to reduce the potential for emergency?

- Tier I inspections and shift watch.
- Level monitors on tank.
- Secondary containment for compressors and bulk oil storage.

6) How would you respond in an emergency to reduce the potential for environmental impact and what actions could be taken to mitigate? (Refer to existing procedures and documents (i.e. the Local Emergency Plan) where applicable)

- Call x2222.

7) What pollution prevention and waste minimization techniques have been or could be considered to reduce or eliminate the potential to impact the environment?

- Evaluate less hazardous substitutes for solvents used in cleaning parts.

8) Are there any key Environmental-specific Competency Requirements (Experience, Education, Qualification) for this position?

- Hazardous Waste Generator Training for Supervisors

Fill Out Reading Acknowledgment Form